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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/493,083	01/28/2000	Takuya Kakehashi	862,C1807	1764

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EXAMINER

TRAN, QUOC A

ART UNIT	PAPER NUMBER
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2176

DATE MAILED: 11/12/2003

4

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/493,083

Applicant(s)

KAKEHASHI, TAKUYA

Examiner

Quoc A. Tran

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 January 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 January 2000 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This action is responsive to communications: original application filed 01/28/2000.
2. Claims 1-16 is pending. Claims 1, 6, and 11 are independent claims.

Drawings

3. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference characters HD 15 and HD 805 have both been used to designate HD 805, see FIG. 10; a proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.
4. The drawings are objected to because; there is not any detailed description of parts 31, 321, 322, 323, and 324, see FIG. 10 parts 105, 106, 107, see FIG. 13A. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.
5. The drawings are objected to under 37 CFR 1.83(a) because they fail to show the detailed description of "Edit Button Operation", see FIG. 14, as described in the specification. Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). A proposed drawing correction or corrected drawings are required in reply to the Office action to

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avoid abandonment of the application. The objection to the drawings will not be help in abeyance.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-4, 6- 9, 11-14 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ohanian (hereinafter Ohanian) (US – 6,161,115 – filed in 12-1996), in view of Scharmer (hereinafter Scharmer) (US - 5,640,577 – filed in 12-1991).

As to **independent claim 1**, Ohanian discloses a composite form data being obtained as a combination of component data, comprising the steps of:

(a) loading, as component, data of interest, one of the component form data contained in the composite form data in a predetermined order (*The system can receive, read, and reinsert a modified version into the machine-readable composition independent of user input, even while other portions of the editing system are responsive to user input, see Ohanian col. 1, lines 40-43*)

(b) uniquely ordering fields contained in the component form data of interest loaded in the step (a) (*at a position that is adjacent the portion of the*

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timeline that corresponds to the position of the scene, see Ohanian col. 1, lines 62-63) and

(c) displaying the field contained in the component form data of interest. In an order determined in the step (b)(*the system can display the list at a position that is adjacent the portion of the timeline that corresponds to the position of the scene in the timeline, see Ohanian col.1, lines 61-63) in the steps (a) to (c) are repeated for all the component form data contained in the composite form data (automatically reinsert the modified version into the machine-readable composition in synchronism with the position in the composition that the scene occupied, see Ohanian Abstract). But Ohanian does not explicitly teach, form editing method of editing composite form data to be synthesized with field data, management. However Scharmer discloses (forms generation uses data displayed at a predetermined position on a data terminal display screen and a data processing function selector, to automatically retrieve a pre-established form stored in a data processing system, see Scharmer, Abstract).*

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to incorporate the method of Ohanian to display the list at a position that is adjacent the previous portion, edit, modify, then automatically reinsert the modified version into the machine readable composition in synchronism with the position in the composition that the scene occupied with Charmer's forms generation

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uses data displayed. One of the ordinary skill in the art would have been motivated to perform such a modification, to enhance (invention relates to data processing systems and more particularly, to a system which automatically retrieves, completes, stores and prints forms or letters, see Scharmer col. 1, lines 6-9).

7. As to **dependent claim 2**, Ohanian discloses wherein attributes of the fields uniquely ordered in a page of interest are displayed as a list. Uniquely corresponded to the unique order in the page of interest, (*display the list at a position that is adjacent the portion of the timeline that corresponds to the position of the scene in the timeline*, see Ohanian col. 1, lines 60-65).

8. As to **dependent claim 3**, Ohanian does not explicitly teach, a component form contained in the list is edited during display of the list, the fields in the page of interest are reordered on the basis of the edited component form, and the list is displayed again. However **Scharmer discloses** (*The operator terminal further displays on the data terminal display screen at least one computer session which includes the display of a plurality of data fields displayed at a corresponding plurality of predetermined data terminal display screen coordinate positions*, see Scharmer col.2, lines 22-26).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to incorporate the data terminal display screen at least one computer session which includes the display of a plurality of data fields displayed at a

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corresponding plurality of predetermined data terminal display screen coordinate positions of Charmer with Ohanian method of attributes of the fields uniquely ordered in a page of interest are displayed as a list of the page interest. One of the ordinary skill in the art would have been motivated to perform such a modification, so that (each host system is operable for simultaneously running a plurality of application programs accessing a plurality of databases, and the operator terminals are operative for simultaneously displaying a plurality of computer sessions, see Scharmer col.2 lines 65-69).

9. As to **dependent claim 4**, **Ohanian does not explicitly teach**, when a desired field is selected from the list and an attribute of the selected field is designated, a component form having the selected field is displayed as an editing target. However **Scharmer discloses** *(at least a first one of the data processing function selectors and to at least one datum displayed in a data field at a predetermined data terminal screen coordinate position, for retrieving a predetermined form and displaying the form on the data terminal screen of the operator terminal, see Scharmer col.2, lines 32-36).*

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to incorporate the data processing function selectors for displayed in a data field at a predetermined data terminal screen coordinate position, for retrieving a predetermined form and displaying the form on the data, in which disclosed by Charmer with Ohanian teaching of unique order in the page displaying. One of the

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ordinary skill in the art would have been motivated to perform such a modification because, so that, the user can (controlling communications, see Scharmer col. 2 line 44).

10. As to **independent claim 6** is directed to an apparatus for performing the method of claim 1, and is similarly rejected under the same rationale.

11. **Dependent claims 7 and 12** include the same limitations as claim 2, and are similarly rejected under the same rationale.

12. **Dependent claims 8 and 13** include the same limitations as claim 3, and are similarly rejected under the same rationale.

13. **Dependent claims 9 and 14** include the same limitations as claim 4, and are similarly rejected under the same rationale.

14. As to **independent claim 11** is directed to a computer program product, implementing the method of claim 1, and is similarly rejected under the same rationale.

15. **Dependent claim 16** is directed to a computer-readable storage medium storing computer program product, implementing the method of claim 1 which cited above, and is similarly rejected under the same rationale.

16. **Claims 5, 10 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ohanian in view of Scharmer as applied to claims 1-4, 6- 9, 11-14 and 16 above, and further in view of Mayer et al. (hereinafter Mayer) (U. S. 4,51,900 – filed 12-1981).**

17. **Dependent claim 5**, includes the same limitations as claims 1-4, 6- 9, 11-14 and 16 that cited above; but, the combination of **Ohanian and Scharmer does not**

explicitly teach, wherein other component forms contained in the page of interest are displayed to be distinguishable from the component form containing the selected field; However, Mayer teaches method and apparatus for text editing displaying (*With the alternate embodiment of the present invention, there is no need to switch between alternate display modes: one for displaying true text and the other for displaying the graphic representation. Rather, the graphic representation of a full page of text is displayed at one portion of the display screen; at a second portion of the display screen is displayed a small part of the text*, see col. 2, line 55 – 62).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to incorporate the teaching of Mayer with the teaching of Ohanian and Scharmer's data processing system. One of the ordinary skills in the art would have been motivated to perform such a modification, so when the editing is completed (there is no need to switch between alternate display modes: one for displaying true text and the other for displaying the graphic representation. Rather, the graphic representation of a full page of text is displayed at one portion of the display screen; at a second portion of the display screen is displayed a small part of the text. Selection of which portion of the representation is made by moving the cursor symbol, which is superimposed on the graphic representation, to the desired location of the representation, see Mayer col.3, lines 21-30).

18. **Dependent claims 10 and 15** include the same limitations as claim 5, and are similarly rejected under the same rationale.

Conclusion

19. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

de La Beaujardiere	U.S. Patent No. 5,359,673	issued	10-1994
Ohsawa et al.	U.S. Patent No. 5,388,192	issued	02-1995
Anderson et al.	U.S. Patent No. 5,581,682	issued	12-1996

20. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quoc A. Tran whose telephone number is (703) 305-8781. The examiner can normally be reached on Monday through Friday from 8:30AM to 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Feild Joseph can be reached on (703) 305-9792. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.


JOSEPH H. FEILD
PRIMARY EXAMINER